

Converting Colors

Hex(AEB116)

Have a look what the booklet for
Hex(AEB116) contains.

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Color

Hex(AEB116)

Conversions

Conversions Part 1

Format	Color
Hex	AEB116
RGB	174, 177, 22
RGB Percent	68%, 69%, 9%
CMY	0.3176, 0.3059, 0.9137
CMYK	0.02, 0.00, 0.88, 0.31
HSL	61°, 78%, 39%
HSV	61°, 88%, 69%
XYZ	33.3225, 40.5009, 6.8202
YIQ	158.4330, 47.9670, -48.8410

Conversions

Conversions Part 2

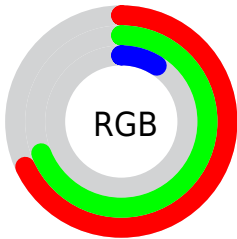
Format	Color
R _Y B	22, 177, 25
Decimal	11448598
CIE Lab	69.82, -17.37, 68.55
CIE LCh	70, 70.712, 104.221
Yxy	40.5009, 0.4132, 0.5022
Android (android.graphics.Color)	4289638678 (0xFFAEB116)
YUV	158.4330, -67.2615, 13.6523
Hunter-Lab	63.6403, -17.9066, 38.1942

Details

The Hex color **AEB116** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1916B1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **E9E856**, and **757D00** is the 20% darker color. If you saturate the color by 10%, you get **AEB104**, and if you desaturate by 10%, it is **AEB128**.

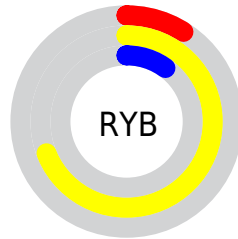
Distribution



Red (68%)

Green (69%)

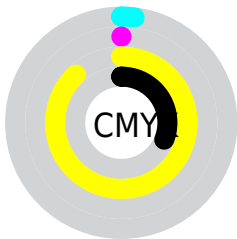
Blue (9%)



Red (9%)

Yellow (69%)

Blue (10%)

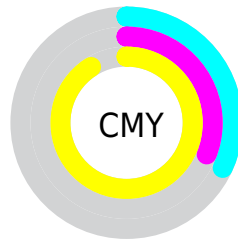


Cyan (2%)

Magenta (0%)

Yellow (88%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEB116 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color AEB116 by changing the saturation by 10% instead.

 AEB116

 AEB116

FFFFFF

 919600

 E9E856

 757D00

 FFFF72

 5A6400

 FFFF8E

 3F4C00

 FFFFAA

 253600

 FFFFC7

 092000

 FFFF E4

 000000

 AEB116

 AEB116

 AEB104

 AEB128

 AEB100

 AFB139

 AFB14B

 AFB15D

 B0B16F

 B0B180

 B0B192

 B1B1A4

 B1B1B5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E69B22



AEB116



64BF47

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AEB116



00C6FF



FF72CF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



AEB116



1916B1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D48CFF



AEB116



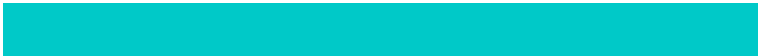
00BBFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AEB116



00C9C8



61A8FF



FF6C8F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



AEB116



00C570



61A8FF



FF79E4

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



AEB116



E4E6AA



B11916



72734F



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



AEB116



E1E600



61B116



595950



969900



191A00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1916B1



0400E6



6616B1



505059



030099



00001A

Previews

White Background



This preview shows how the Hex color AEB116 looks on a white background.

Color Contrast Check

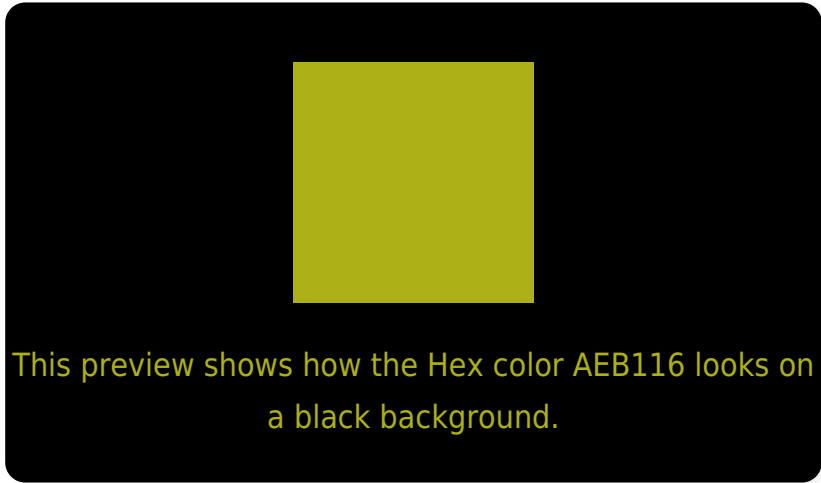
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AEB116 Background



This preview shows how black text looks on a background with the Hex color AEB116.

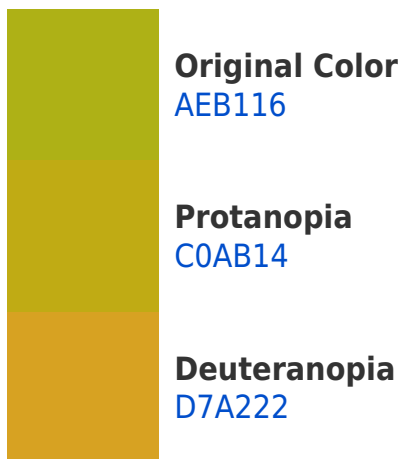


This preview shows how white text looks on a background with the Hex color AEB116.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
AEB116

Protanomaly
B9AD15

Deuteranomaly
C8A71E

Tritanomaly
B6A979

Monochromacy



Original Color
AEB116

Achromatopsia
9E9E9E

Achromatomaly
A4A56D

CSS Examples

Text

The CSS property to change the color of the text to Hex AEB116 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #AEB116 looks like.

```
.text, #text, p{  
    color:#AEB116  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #AEB116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB116
}
```

Border

The CSS property to change the border of an element to Hex AEB116 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AEB116 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#AEB116 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #AEB116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB116; -webkit-box-shadow:4px 4px  
4px 4px #AEB116; box-shadow:4px 4px 4px  
4px #AEB116 }
```

Background

The CSS property to change the background color of an element to Hex AEB116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB116 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#AEB116 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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